

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
Spot	p-value	Clone	Description	Accession	HT/non-HT
4530	0.049002	mioa8851	I factor (complement) (IF), mRNA /cds=(15,1766) /gb=NM_000204 /gi=4504578 /ug=Hs.36602 /len=1963	NM_000204	1.01
13184	0.049002	miob7267	mRNA for KIAA1903 protein, partial cds	AB067490	0.72
1946	0.049002	fcr7349	no match		1.45
9985	0.049002	mioc5695	mRNA from chromosome 5q21-22, clone:843Ex. /gb=AB002449 /gi=2943812 /ug=Hs.182723 /len=1228	AB002449	2.44
12626	0.049002	seoa0739	no match		1.27
8668	0.049002	miob9788	AGENCOURT_6461316 NIH_MGC_88 cDNA clone IMAGE:5559480 5', mRNA sequence /clone=IMAGE:5559480 /clone_end=5' /gb=BM802105 /gi=19118928 /ug=Hs.48376 /len=1152	BM802105	0.57
13702	0.049002	mioc0455	mRNA for KIAA0551 protein, partial cds. /cds=(192,4349) /gb=AB011123 /gi=20521082 /ug=Hs.170204 /len=5727	AB011123	1.55
14386	0.049002	seoc0659	UI-E-EJ0-aik-i-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-aik-i-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-aik-i-20-0-UI /clone_end=5' /gb=BM727413 /gi=19048746 /ug=Hs.112619 /len=1667	BM727413	1.03
6592	0.049002	seoa9709	methylene tetrahydrofolate dehydrogenase (NAD dependent), methenyltetrahydrofolate cyclohydrolase (MTHFD2), nuclear gene encoding mitochondrial protein, mRNA /cds=(77,1111) /gb=NM_006636 /gi=13699869 /ug=Hs.154672 /len=2154	NM_006636	0.87
4774	0.047	seob2959	ribosomal protein S19 (RPS19), mRNA /cds=(70,507) /gb=NM_001022 /gi=14591914 /ug=Hs.298262 /len=569	NM_001022	1.09
11724	0.047	fcr4916	chromosome 14 open reading frame 2 (C14orf2), mRNA /cds=(61,237) /gb=NM_004894 /gi=4758939 /ug=Hs.109052 /len=627	NM_004894	1.19
9596	0.047	seoc1025	vimentin (VIM), mRNA /cds=(123,1523) /gb=NM_003380 /gi=4507894 /ug=Hs.297753 /len=1851	NM_003380	0.79
8508	0.047	ncrb2742	602384282F1 NIH_MGC_93 cDNA clone IMAGE:4513125 5', mRNA sequence /clone=IMAGE:4513125 /clone_end=5' /gb=BG289274 /gi=13044952 /ug=Hs.202537 /len=776	BG289274	0.77
1389	0.047	fcrb9145	heparan sulfate proteoglycan (HSPG2) mRNA, complete cds	M85289	1.19
12604	0.047	seoc6182	TAF4b RNA polymerase II, TATA box binding protein (TBP)-associated factor, 105kDa (TAF4B), mRNA	XM_290809	1.16
12725	0.047	ncrb4306	BAC clone RP11-58H15 from 4, complete sequence	AC104685	0.34

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13207	0.047	mioc2074	ARP8 actin-related protein 8 (yeast) (ACTR8), mRNA /cds=(5,1129) /gb=NM_022899 /gi=12597636 /ug=Hs.124219 /len=2797	NM_022899	1.58
10888	0.045065	ncrc5844	UI-H-DH0-aui-j-10-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871081 3', mRNA sequence /clone=IMAGE:5871081 /clone_end=3' /gb=BM994461 /gi=19719362 /ug=Hs.434057 /len=2059	BM994461	0.69
5640	0.045065	fcr4471	similar to High mobility group protein 1 (HMG-1) (Amphoterin) (Heparin-binding protein p30) (LOC285227), mRNA	XM_208301	1.20
12580	0.045065	hfc1554	no match		0.75
11816	0.045065	miob7373	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644 /ug=Hs.21321 /len=3770	NM_145808	1.22
2520	0.045065	ncr5651	KIAA0164 gene product (KIAA0164), mRNA /cds=(254,3016) /gb=NM_014739 /gi=7661957 /ug=Hs.80338 /len=5538	NM_014739	0.83
11257	0.045065	fcrc4985	mRNA for FLJ00086 protein, partial cds. /cds=(1951,3150) /gb=AK024487 /gi=10440487 /ug=Hs.343828 /len=4456	AK024487	0.95
5411	0.043196	ncrc3598	mRNA; cDNA DKFZp566J2446 (from clone DKFZp566J2446)	AL050082	2.15
6865	0.043196	ncrc5780	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa (NDUFA4), mRNA /cds=(91,336) /gb=NM_002489 /gi=4505356 /ug=Hs.50098 /len=518	NM_002489	0.88
3300	0.043196	seoa5787	3-hydroxy-3-methylglutaryl-Coenzyme A reductase (HMGCR), mRNA /cds=(51,2717) /gb=NM_000859 /gi=4557642 /ug=Hs.11899 /len=4471	NM_000859	0.90
14600	0.043196	fcr7295	LOC92719 (LOC92719), mRNA	XM_046853	1.57
2681	0.043196	mioa5085	HBS1-like (S. cerevisiae) (HBS1L), mRNA /cds=(194,2248) /gb=NM_006620 /gi=24431963 /ug=Hs.221040 /len=7163	NM_006620	0.48
6735	0.043196	fcrb3705	Similar to tissue inhibitor of metalloproteinase 2, clone IMAGE:6061436, mRNA (=AL110197.1)	BC040445	1.63
7149	0.041391	fcrb2051	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 1b, mRNA /cds=(49,1134) /gb=NM_002635 /gi=4505774 /ug=Hs.78713 /len=1330	NM_002635	1.01
6634	0.041391	seob0688	surfeit 4 (SURF4), mRNA /cds=(131,940) /gb=NM_033161 /gi=19593984 /ug=Hs.284296 /len=2985	NM_033161	0.71
12571	0.041391	seoc6962	clone IMAGE:3871805, mRNA	BC013255	1.46
2480	0.041391	hfc15905	topoisomerase (DNA) I (TOP1), mRNA /cds=(247,2544) /gb=NM_003286 /gi=19913404 /ug=Hs.317 /len=3734	NM_003286	0.71
12847	0.041391	mioc0511	chromosome 1 clone RP11-135A15, complete sequence	AC093419	1.13

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5161	0.041391	seoa3555	basic transcription factor 3 (BTF3), mRNA /cds=(240,728) /gb=NM_001207 /gi=20070129 /ug=Hs.101025 /len=952	NM_001207	0.95
2164	0.041391	mioa2073	KIAA1074 protein (KIAA1074), mRNA /cds=(151,5280) /gb=NM_014915 /gi=7662473 /ug=Hs.129218 /len=5360	NM_014915	1.42
8549	0.041391	ncrc5944	chromosome 5 clone CTB-113P19, complete sequence	AC011374	0.39
8801	0.041391	seob9189	DNA sequence from clone RP11-69I17 on chromosome 6, complete sequence	BX276089	1.47
11355	0.039649	miob8773	chondroitin sulfate proteoglycan 6 (bamacan) (CSPG6), mRNA /cds=(92,3745) /gb=NM_005445 /gi=24475891 /ug=Hs.24485 /len=4096	NM_005445	1.09
8981	0.039649	ncrb4264	AV737351 CB cDNA clone CBLALE11 5', mRNA sequence /clone=CBLALE11 /clone_end=5' /gb=AV737351 /gi=10854932 /ug=Hs.444989 /len=511	AV737351	1.06
4197	0.039649	seoa5214	putative translation initiation factor (SUI1), mRNA /cds=(148,489) /gb=NM_005801 /gi=20070210 /ug=Hs.150580 /len=1324	NM_005801	0.31
1506	0.039649	seob4254	septin 2 (SEP2) mRNA, partial cds /cds=(1,1528) /gb=AF179995 /gi=9957543 /ug=Hs.80712 /len=4344	AF179995	0.72
11596	0.037968	seoa9130	mRNA; cDNA DKFZp761K1115 (from clone DKFZp761K1115); partial cds	AL162046	1.08
14175	0.037968	fcrb4981	ribosomal protein, large, P1 (RPLP1), mRNA /cds=(130,474) /gb=NM_001003 /gi=16905511 /ug=Hs.424299 /len=512	NM_001003	0.73
13210	0.037968	mioc2662	hypothetical protein FLJ13188 (FLJ13188), mRNA /cds=(247,948) /gb=NM_022063 /gi=11545770 /ug=Hs.11859 /len=2746	NM_022063	1.19
13577	0.037968	fcrc1781	DKFZP586L2024 protein (NESHBP), mRNA /cds=(364,1824) /gb=NM_015429 /gi=14149685 /ug=Hs.58419 /len=3023	NM_015429	1.10
12705	0.037968	ncrb8105	hypothetical protein FLJ31121 (FLJ31121), mRNA /cds=(15,614) /gb=NM_144723 /gi=21389510 /ug=Hs.350194 /len=1512	NM_144723	1.34
4724	0.037968	seob0288	Niemann-Pick disease, type C1 (NPC1), mRNA /cds=(124,3960) /gb=NM_000271 /gi=4557802 /ug=Hs.76918 /len=4673	NM_000271	1.37
2813	0.037968	seoa1977	ribosomal protein L37a (RPL37A), mRNA /cds=(36,314) /gb=NM_000998 /gi=16306561 /ug=Hs.296290 /len=392	NM_000998	0.59
6359	0.036347	ncrb5595	lysyl oxidase-like 2 (LOXL2), mRNA /cds=(248,2572) /gb=NM_002318 /gi=4505010 /ug=Hs.83354 /len=3432	NM_002318	0.92
14528	0.036347	ncr5172	DNA sequence from clone RP11-177G23 on chromosome 6, complete sequence	AL451064	1.19

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1305	0.036347	seob7929	cytochrome c oxidase subunit VIIc (COX7C), nuclear gene encoding mitochondrial protein, mRNA /cds=(90,281) /gb=NM_001867 /gi=18105039 /ug=Hs.430075 /len=448	NM_001867	0.65
9530	0.036347	miod4066	hypothetical protein FLJ10856 (FLJ10856), mRNA /cds=(148,1233) /gb=NM_018247 /gi=8922719 /ug=Hs.108530 /len=3720	NM_018247	1.07
12210	0.036347	ncrb7704	cDNA FLJ38039 fis, clone CTONG2013934. /gb=AK095358 /gi=21754600 /ug=Hs.46506 /len=2956	AK095358	1.88
13670	0.036347	mioc1060	hypothetical protein FLJ11506 (FLJ11506), mRNA /cds=(16,963) /gb=NM_024666 /gi=20070334 /ug=Hs.77703 /len=2774	NM_024666	0.62
6772	0.036347	fcrb3897	hypothetical protein FLJ22301 (FLJ22301), mRNA /cds=(696,2054) /gb=NM_024836 /gi=13376246 /ug=Hs.181406 /len=2952	NM_024836	0.70
7475	0.036347	fcrb9430	mRNA; cDNA DKFZp451F056 (from clone DKFZp451F056) /gb=AL832357 /gi=21732919 /ug=Hs.118837 /len=4901	AL832357	1.17
6969	0.034783	fcrb9141	DNA sequence from clone RP11-346A7 on chromosome 10, complete sequence	AL356420	0.46
13206	0.034783	mioc1910	spinal cord-derived growth factor-B (SCDGF-B), transcript variant 1, mRNA /cds=(176,1288) /gb=NM_025208 /gi=15451919 /ug=Hs.112885 /len=3808	NM_025208	1.80
13182	0.034783	fcrb7286	mRNA for KIAA1564 protein, partial cds. /cds=(1,6016) /gb=AB046784 /gi=20521943 /ug=Hs.173421 /len=6143	AB046784	0.90
13750	0.033276	miod5785	heterogeneous nuclear ribonucleoprotein D-like (HNRPD), transcript variant 1, mRNA /cds=(581,1843) /gb=NM_005463 /gi=14110410 /ug=Hs.372673 /len=3514	NM_005463	1.03
11085	0.033276	miod0974	genomic DNA, chromosome 18 clone:RP11-874N19, complete sequence	AP001032	0.65
11732	0.031823	fcrb6010	hypothetical protein FLJ20699 (FLJ20699), mRNA /cds=(33,1043) /gb=NM_017931 /gi=8923627 /ug=Hs.15125 /len=2594	NM_017931	1.57
6647	0.031823	seob3141	sterol carrier protein 2 (SCP2), mRNA /cds=(22,1665) /gb=NM_002979 /gi=19923232 /ug=Hs.75760 /len=2572	NM_002979	0.92
5938	0.031823	mioa9581	chaperonin containing TCP1, subunit 3 (gamma) (CCT3), mRNA /cds=(1,1635) /gb=NM_005998 /gi=5174726 /ug=Hs.1708 /len=1901	NM_005998	0.99
8355	0.031823	seoa8851	hypothetical protein FLJ12716 (FLJ12716), mRNA /cds=(66,2513) /gb=NM_021942 /gi=21361577 /ug=Hs.5354 /len=3522	NM_021942	1.68
5974	0.031823	mioa9649	KIAA0266 gene product (KIAA0266), mRNA /cds=(734,3034) /gb=NM_021645 /gi=11063982 /ug=Hs.127376 /len=5585	NM_021645	0.88

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5784	0.031823	ncr2812	suppressor of cytokine signaling 2 (SOCS2), mRNA /cds=(591,1187) /gb=NM_003877 /gi=21536304 /ug=Hs.405946 /len=2210	NM_003877	1.48
4220	0.031823	fcr1312	ribosomal protein S2 (RPS2), mRNA /cds=(12,893) /gb=NM_002952 /gi=15055538 /ug=Hs.356360 /len=978	NM_002952	1.41
14842	0.030424	miod5810	mitochondrion, complete genome	NC_001807	0.60
3968	0.030424	ncr8413	protein tyrosine phosphatase type IVA, member 2 (PTP4A2), transcript variant 1, mRNA /cds=(1011,1514) /gb=NM_003479 /gi=18104974 /ug=Hs.82911 /len=3925	NM_003479	1.49
8180	0.030424	seob8384	wn97f10.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2453803 3' similar to TR:O76003 O76003 THIOREDOXIN-LIKE PROTEIN. ;, mRNA sequence /clone=IMAGE:2453803 /clone_end=3' /gb=AI934154 /gi=5673024 /ug=Hs.215019 /len=425	AI934154	0.87
7123	0.030424	seob4545	KIAA0857 protein (KIAA0857), mRNA /cds=(241,2202) /gb=NM_015470 /gi=24308074 /ug=Hs.24557 /len=4340	NM_015470	0.54
3149	0.030424	fcrb4413	thioredoxin domain-containing (TXNDC), mRNA /cds=(118,960) /gb=NM_030755 /gi=13559515 /ug=Hs.24766 /len=1112	NM_030755	1.27
7520	0.029076	fcrc5850	hypothetical protein FLJ10350 (FLJ10350), mRNA /cds=(676,2340) /gb=NM_018067 /gi=21361780 /ug=Hs.177596 /len=2811	NM_018067	1.27
13151	0.029076	fcrc2670	cell division cycle associated 4 (CDCA4), transcript variant 1, mRNA /cds=(164,889) /gb=NM_017955 /gi=22027508 /ug=Hs.34045 /len=2171	NM_017955	0.74
14798	0.029076	mioc2028	BAC clone RP11-713D19 from 2, complete sequence	AC097724	0.42
12072	0.029076	seob1612	chromosome 8, clone CTD-3091F23, complete sequence	AC139019	2.33
1963	0.027779	hfc2250	Fanconi anemia, complementation group G (FANCG), mRNA /cds=(493,2361) /gb=NM_004629 /gi=4759335 /ug=Hs.8047 /len=2649	NM_004629	0.84
4038	0.027779	mioa2377	multiple PDZ domain protein (MPDZ), mRNA /cds=(47,6175) /gb=NM_003829 /gi=4505230 /ug=Hs.169378 /len=6582	NM_003829	0.47
6654	0.027779	seob4197	pM5 protein (PM5), mRNA /cds=(1,3669) /gb=NM_014287 /gi=10947030 /ug=Hs.439182 /len=4182	NM_014287	1.59
14209	0.027779	fcrb3995	BX109160 Soares_NhHMPu_S1 cDNA clone IMAGp998H024744, mRNA sequence /clone=IMAGp998H024744 ; IMAGE:1933489 /gb=BX109160 /gi=27877586 /ug=Hs.308982 /len=483	BX109160	0.87

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13602	0.027779	fcrc5695	UI-1-BC1p-asi-a-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p-asi-a-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-asi-a-02-0-UI /clone_end=3' /gb=BQ011545 /gi=19736446 /ug=Hs.361171 /len=1143	BQ011545	1.54
7497	0.026531	fcrc2156	mRNA for KIAA1266 protein, partial cds. /cds=(131,1936) /gb=AB033092 /gi=6331198 /ug=Hs.58598 /len=5484	AB033092	0.28
4703	0.026531	seoa5554	leukotriene A4 hydrolase (LTA4H), mRNA /cds=(69,1904) /gb=NM_000895 /gi=4505028 /ug=Hs.81118 /len=2060	NM_000895	1.38
13391	0.026531	seoc4720	chondroitin sulfate GalNAcT-2 (GALNACT-2), mRNA /cds=(336,1964) /gb=NM_018590 /gi=24429591 /ug=Hs.180758 /len=3745	NM_018590	1.53
13233	0.026531	mioc0162	synovial sarcoma translocation gene on chromosome 18-like 2 (SS18L2), mRNA /cds=(99,332) /gb=NM_016305 /gi=10047103 /ug=Hs.9774 /len=817	NM_016305	1.19
2815	0.026531	seoa2381	proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA /cds=(110,850) /gb=NM_002791 /gi=23110943 /ug=Hs.410276 /len=1035	NM_002791	1.33
10247	0.026531	seob4887	vimentin (VIM) gene, exon 9 and partial cds	M18895	0.69
12412	0.02533	miob9804	no match		1.05
11608	0.02533	seob2633	DNA sequence from clone RP11-190H11 on chromosome 1, complete sequence	AL606477	1.26
14452	0.02533	hfcr1613	no match		1.13
10151	0.02533	seoa7192	cDNA FLJ36605 fis, clone TRACH2015316, highly similar to VIMENTIN. /cds=(631,1317) /gb=AK093924 /gi=21752883 /ug=Hs.379100 /len=2665	AK093924	0.94
9648	0.024176	seoc4990	Similar to RIKEN cDNA 1500009M05 gene, clone MGC:40370 IMAGE:5105935, mRNA, complete cds /cds=(45,452) /gb=BC032300 /gi=21619026 /ug=Hs.295953 /len=1617	BC032300	0.75
11454	0.024176	miod7165	cDNA FLJ10473 fis, clone NT2RP2000056, weakly similar to PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48)	AK001335	1.58
6622	0.024176	seob4925	aquaporin 1 (channel-forming integral protein, 28kDa) (AQP1), mRNA /cds=(39,848) /gb=NM_000385 /gi=4755121 /ug=Hs.76152 /len=1662	NM_000385	1.35
5400	0.024176	ncrc1885	dUTP pyrophosphatase (DUT), mRNA /cds=(20,514) /gb=NM_001948 /gi=21361335 /ug=Hs.367676 /len=1816	NM_001948	0.97
4862	0.024176	fcrb3321	mRNA for FLJ00005 protein, partial cds. /cds=(1,338) /gb=AK000005 /gi=7209310 /ug=Hs.367690 /len=4706	AK000005	0.94
3844	0.023066	hfcr4007	CGI-101 protein (F-LAN-1), mRNA /cds=(7,636) /gb=NM_016041 /gi=7705603 /ug=Hs.286131 /len=1123	NM_016041	0.76

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9468	0.023066	mioc2997	hypothetical protein MGC13159 (MGC13159), mRNA /cds=(592,1017) /gb=NM_032927 /gi=14249719 /ug=Hs.12845 /len=1759	NM_032927	1.36
12346	0.023066	fcrb9324	selenoprotein H (SELH), mRNA /cds=(243,611) /gb=NM_170746 /gi=25014108 /ug=Hs.290874 /len=834	NM_170746	0.59
12222	0.023066	ncrb4331	GRB2-associated binding protein 3 (GAB3), mRNA /cds=(33,1793) /gb=NM_080612 /gi=18079322 /ug=Hs.102630 /len=4731	NM_080612	2.05
9110	0.023066	fcrc1015	full length insert cDNA clone ZD47C12	AF086286.1	1.22
11482	0.021999	seoc4362	clone IMAGE:5271722, mRNA /gb=BC038786 /gi=24270905 /ug=Hs.190456 /len=1535	BC038786	1.10
10475	0.021999	fcrb9686	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1 (SLC25A1), mRNA /cds=(100,1035) /gb=NM_005984 /gi=21389314 /ug=Hs.111024 /len=1619	NM_005984	1.12
5821	0.021999	ncr3037	ribosomal protein L11 (RPL11), mRNA /cds=(21,557) /gb=NM_000975 /gi=15431289 /ug=Hs.388664 /len=609	NM_000975	1.41
6633	0.021999	seob0497	HSPCO34 protein (LOC51668), mRNA /cds=(58,402) /gb=NM_016126 /gi=7706382 /ug=Hs.46967 /len=598	NM_016126	0.85
2821	0.020975	seoa3419	DNA sequence from clone RP1-68D15 on chromosome X, complete sequence	AL049563	0.86
6337	0.020975	ncr6142	adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA /cds=(136,1443) /gb=NM_004068 /gi=14917108 /ug=Hs.152936 /len=1936	NM_004068	1.34
11721	0.020975	fcrc4380	Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcript variant 4, mRNA /cds=(495,2903) /gb=NM_014919 /gi=19913345 /ug=Hs.110457 /len=8458	NM_014919	1.00
11501	0.020975	seoc0499	RAB34, member RAS oncogene family (RAB34), mRNA /cds=(206,985) /gb=NM_031934 /gi=21361998 /ug=Hs.301853 /len=1340	NM_031934	1.39
5155	0.020975	seoa2448	phosphoglycerate kinase 1 (PGK1), mRNA /cds=(70,1323) /gb=NM_000291 /gi=22095338 /ug=Hs.78771 /len=2338	NM_000291	2.14
9317	0.020975	seoa9474	no match		0.03
13523	0.019991	seoa4213	UI-H-DI0-auw-o-12-0-UI.s1 NCI_CGAP_DI0 cDNA clone IMAGE:5875427 3', mRNA sequence /clone=IMAGE:5875427 /clone_end=3' /gb=BM997944 /gi=19722845 /ug=Hs.444026 /len=753	BM997944	2.28
6888	0.019991	seob8321	enolase 1, (alpha) (ENO1), mRNA /cds=(152,1456) /gb=NM_001428 /gi=16507965 /ug=Hs.254105 /len=1812	NM_001428	0.44
6959	0.019991	fcrb8151	HLCS gene for holocarboxylase synthetase, complete cds	AB063285	1.45

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14635	0.019047	ncrc8892	hypothetical protein DKFZp434G1415 (DKFZP434G1415), mRNA /cds=(35,2140) /gb=NM_031292 /gi=13775209 /ug=Hs.151093 /len=3495	NM_031292	0.52
13459	0.019047	seoa2641	N-ethylmaleimide-sensitive factor (NSF), mRNA /cds=(61,2295) /gb=NM_006178 /gi=11079227 /ug=Hs.108802 /len=3960	NM_006178	1.60
13716	0.018141	mioc3139	chromosome 15 open reading frame 12 (C15orf12), nuclear gene encoding mitochondrial protein, mRNA /cds=(48,602) /gb=NM_018285 /gi=8922793 /ug=Hs.6118 /len=1115	NM_018285	0.79
10996	0.018141	miob7201	BX118052 Soares breast 2NbHBst cDNA clone IMAGp998C21252, mRNA sequence /clone=IMAGp998C21252_/_IMAGE:158156 /gb=BX118052 /gi=27840946 /ug=Hs.32250 /len=612	BX118052	0.72
9200	0.018141	mioc6937	602387746F1 NIH_MGC_93 cDNA clone IMAGE:4516739 5', mRNA sequence /clone=IMAGE:4516739 /clone_end=5' /gb=BG287971 /gi=13042340 /ug=Hs.303110 /len=749	BG287971	0.43
7005	0.018141	fcrb9161	clone MGC:24133 IMAGE:4693393, mRNA, complete cds /cds=(61,528) /gb=BC017973 /gi=22450811 /ug=Hs.288010 /len=946	BC017973	1.88
6970	0.018141	fcrb9254	neuroplastoma apoptosis-related RNA-binding protein (CUGBP2) gene, exons 10, 11a, 11b, 12, 13a, 13b, 14, and complete cds, alternatively spliced	AF295068	1.37
3507	0.018141	fcrb5813	UI-H-DT0-atx-l-07-0-UI.s1 NCI_CGAP_DT0 cDNA clone IMAGE:5865750 3', mRNA sequence /clone=IMAGE:5865750 /clone_end=3' /gb=BM994183 /gi=19719084 /ug=Hs.412022 /len=1284	BM994183	1.07
6139	0.017272	fcr3664	cofilin 1 (non-muscle) (CFL1), mRNA /cds=(52,552) /gb=NM_005507 /gi=5031634 /ug=Hs.180370 /len=1059	NM_005507	1.42
13807	0.016439	seoc0945	solute carrier family 16 (monocarboxylic acid transporters), member 1 (SLC16A1), mRNA /cds=(194,1696) /gb=NM_003051 /gi=19923752 /ug=Hs.75231 /len=3410	NM_003051	0.56
310	0.016439	mioa6442	kinesin family member 13B (KIF13B), mRNA /cds=(38,5518) /gb=NM_015254 /gi=13194196 /ug=Hs.15711 /len=8743	NM_015254	1.50
6623	0.014875	seob5069	attractin (ATRN), transcript variant 1, mRNA /cds=(80,4369) /gb=NM_139321 /gi=21450860 /ug=Hs.194019 /len=8645	NM_139321	0.86
7224	0.014875	ncrc0217	hypothetical protein FLJ20312 (FLJ20312), mRNA /cds=(384,803) /gb=NM_017761 /gi=20127576 /ug=Hs.7862 /len=2382	NM_017761	0.88

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
4146	0.014142	miob2656	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6 (SERPINB6), mRNA /cds=(75,1205) /gb=NM_004568 /gi=28077084 /ug=Hs.41072 /len=1361	NM_004568	0.91
7749	0.014142	seob8515	mRNA; cDNA DKFZp666E058 (from clone DKFZp666E058) /gb=AL833023 /gi=21733613 /ug=Hs.379886 /len=1761	AL833023	1.15
1274	0.01344	fcrb3543	HSJ1a (HSJ1) mRNA, complete cds; alternatively spliced. /cds=(26,859) /gb=S37375 /gi=250081 /ug=Hs.433237 /len=1760	S37375	0.77
14289	0.01344	mioc0829	PAC clone RP4-798C17 from 7, complete sequence	AC004889	1.80
13200	0.01344	mioc0714	cDNA FLJ12726 fis, clone NT2RP2000001, highly similar to mRNA for KIAA1111 protein	AK022788	1.53
13305	0.012769	mioc7986	apoptosis inhibitor 5 (API5), mRNA /cds=(133,1647) /gb=NM_006595 /gi=5729729 /ug=Hs.227913 /len=3739	NM_006595	1.36
14455	0.012769	miob0074	no match		0.66
9682	0.012769	seoa6743	BX091044 Soares retina N2b4HR cDNA clone IMAGp998D18828 ; IMAGE:360161, mRNA sequence /clone=IMAGp998D18828_ ; IMAGE:360161 /gb=BX091044 /gi=27826224 /ug=Hs.435655 /len=644	BX091044	1.05
13469	0.012769	seoa9467	clone IMAGE:5299642, mRNA /gb=BC041913 /gi=27469540 /ug=Hs.17132 /len=2227	BC041913	0.87
12510	0.012769	seob9406	hypothetical protein DKFZp564F013 (DKFZP564F013), mRNA /cds=(107,2194) /gb=NM_020432 /gi=24308192 /ug=Hs.128653 /len=4572	NM_020432	1.37
11398	0.012127	mioc8153	CGI-147 protein (CGI-147), mRNA /cds=(128,667) /gb=NM_016077 /gi=7706350 /ug=Hs.12677 /len=806	NM_016077	0.51
10293	0.012127	ncr8429	BX102130 NCI_CGAP_Pr3 cDNA clone IMAGp998P072795, mRNA sequence /clone=IMAGp998P072795_ ; IMAGE:1115766 /gb=BX102130 /gi=27831621 /ug=Hs.433046 /len=450	BX102130	1.26
998	0.012127	seob3485	down-regulator of transcription 1, TBP-binding (negative cofactor 2) (DR1), mRNA /cds=(548,1078) /gb=NM_001938 /gi=4503380 /ug=Hs.16697 /len=1375	NM_001938	0.72
11692	0.011512	ncr7292	KIAA0874 protein (KIAA0874), mRNA /cds=(1,6189) /gb=NM_015208 /gi=14140237 /ug=Hs.27973 /len=6189	NM_015208	1.59
6717	0.011512	fcrb2041	fer-1-like 3, myoferlin (C. elegans) (FER1L3), transcript variant 1, mRNA /cds=(89,6274) /gb=NM_013451 /gi=19718757 /ug=Hs.234680 /len=6829	NM_013451	0.79

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TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
1720	0.011512	ncrc6382	KIAA0971 protein (KIAA0971), mRNA /cds=(59,2005) /gb=NM_014929 /gi=7662421 /ug=Hs.84429 /len=4999	NM_014929	0.95
5138	0.011512	fcrb9680	exostoses (multiple) 2 (EXT2), mRNA /cds=(488,2644) /gb=NM_000401 /gi=4557572 /ug=Hs.75334 /len=3781	NM_000401	0.33
4307	0.011512	hfcr3149	mitochondrial solute carrier protein (MSCP), mRNA	NM_018579	1.08
9072	0.010925	fcrc0166	clone MGC:20469 IMAGE:4554554, mRNA, complete cds /cds=(208,1149) /gb=BC012182 /gi=15082546 /ug=Hs.82508 /len=1862	BC012182	1.30
6750	0.010925	fcrb6031	ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), mRNA /cds=(63,719) /gb=NM_016638 /gi=7706183 /ug=Hs.103561 /len=952	NM_016638	1.14
6006	0.010364	seoa0429	ribosomal protein L23a (RPL23A), mRNA /cds=(22,492) /gb=NM_000984 /gi=17105393 /ug=Hs.419463 /len=546	NM_000984	1.04
6646	0.010364	seob2966	protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA /cds=(1,3093) /gb=NM_002480 /gi=4505316 /ug=Hs.16533 /len=4613	NM_002480	1.17
3029	0.010364	fcrb4226	Yip1p-interacting factor (YIF1P), mRNA /cds=(116,997) /gb=NM_020470 /gi=9994168 /ug=Hs.406422 /len=1078	NM_020470	0.49
11553	0.009828	seoa6607	CAR (RFP2) gene, complete cds; DLEU2 and DLEU1 genes, complete sequence; and RPL18 and p48/Hip pseudogenes, complete sequence	AF279660	1.85
12765	0.009316	ncrc9552	BAC clone RP11-477N3 from 2, complete sequence	AC008280	1.25
14690	0.009316	fcrc1011	cDNA FLJ35033 fis, clone OCBBF2016590, weakly similar to CELL SURFACE ANTIGEN 114/A10 PRECURSOR. /cds=(407,934) /gb=AK092352 /gi=21750925 /ug=Hs.156113 /len=2884	AK092352	0.76
1648	0.009316	ncrc0729	mRNA; cDNA DKFZp564E193 (from clone DKFZp564E193) /gb=AL049259 /gi=4500005 /ug=Hs.333141 /len=1691	AL049259	0.74
13747	0.008828	miod5122	hypothetical protein MGC23401 (MGC23401), mRNA /cds=(258,1334) /gb=NM_144982 /gi=21450672 /ug=Hs.245383 /len=1510	NM_144982	1.45
10358	0.008828	fcrb5816	3 BAC RP11-669C7 (Roswell Park Cancer Institute BAC Library) complete sequence	AC117467	1.00
2930	0.008828	fcrb1428	vascular Rab-GAP/TBC-containing (VRP), mRNA /cds=(1118,3811) /gb=NM_007063 /gi=5902153 /ug=Hs.164170 /len=4404	NM_007063	1.82
14288	0.008828	mioc0669	small acidic protein (SMAP), mRNA /cds=(137,688) /gb=NM_014267 /gi=20070245 /ug=Hs.78050 /len=1504	NM_014267	0.80
6102	0.008362	fcr3323	homer 2 (Drosophila) (HOMER2), mRNA /cds=(1,1065) /gb=NM_004839 /gi=4758547 /ug=Hs.93564 /len=1800	NM_004839	0.61

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
11545	0.008362	miob1698	UI-H-CO0-aqn-g-08-0-UI.s1 NCI_CGAP_Sub9 cDNA clone IMAGE: 3104798 3', mRNA sequence /clone=IMAGE: 3104798 /clone_end=3' /gb=BM987319 /gi=19706708 /ug=Hs.445870 /len=655	BM987319	2.10
6752	0.007917	ncrb8343	tumor endothelial marker 6 (TEM6), mRNA /cds=(93,3710) /gb=NM_022748 /gi=17511208 /ug=Hs.12210 /len=6702	NM_022748	1.35
13134	0.007917	fcrc5614	sine oculis homeobox 2 (Drosophila) (SIX2), mRNA /cds=(283,1158) /gb=NM_016932 /gi=21314676 /ug=Hs.101937 /len=2141	NM_016932	1.24
6661	0.00709	seob5478	stromal antigen 1 (STAG1), mRNA /cds=(401,4177) /gb=NM_005862 /gi=5032062 /ug=Hs.286148 /len=4337	NM_005862	1.28
11364	0.00599	mioc0728	NAD(P)H dehydrogenase, quinone 1 (NQO1), mRNA /cds=(51,875) /gb=NM_000903 /gi=4505414 /ug=Hs.406515 /len=2447	NM_000903	0.66
1919	0.005989	fcr1973	no match		0.18
3791	0.005343	fcr1984	TNF receptor-associated factor 4 (TRAF4), transcript variant 1, mRNA /cds=(86,1498) /gb=NM_004295 /gi=22027621 /ug=Hs.8375 /len=1999	NM_004295	0.82
7637	0.005343	mioc3930	serum response factor (c-fos serum response element-binding transcription factor) (SRF), mRNA /cds=(359,1885) /gb=NM_003131 /gi=4507204 /ug=Hs.155321 /len=4201	NM_003131	0.60
13507	0.005043	seob0249	ho25d05.x1 NCI_CGAP_Co14 cDNA clone IMAGE:3038409 3', mRNA sequence /clone=IMAGE:3038409 /clone_end=3' /gb=BE042545 /gi=8359683 /ug=Hs.276275 /len=448	BE042545	2.24
8179	0.005043	miod7421	karyopherin (importin) beta 3 (KPNB3), mRNA /cds=(139,3486) /gb=NM_002271 /gi=24797085 /ug=Hs.113503 /len=5977	NM_002271	0.13
6322	0.005043	ncrb4990	chromosome Y, clone 486_O_8, complete sequence	AC002531	1.19
4221	0.004758	fcr1478	no match		1.32
2412	0.004487	fcr7042	guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNB2), mRNA /cds=(259,1281) /gb=NM_005273 /gi=20357528 /ug=Hs.91299 /len=1666	NM_005273	1.10
13520	0.004487	seoa3856	cDNA FLJ12961 fis, clone NT2RP2005645	AK023023	0.16
13330	0.003986	seob8741	bridging integrator 2 (BIN2), mRNA /cds=(39,1736) /gb=NM_016293 /gi=7706486 /ug=Hs.14770 /len=2206	NM_016293	2.32
12688	0.003986	ncrb3957	myxoid liposarcoma associated protein 4 (MLAT4), mRNA /cds=(199,2325) /gb=NM_018192 /gi=27764881 /ug=Hs.42824 /len=3396	NM_018192	0.31
692	0.003986	ncr8628	chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1), mRNA /cds=(127,1278) /gb=NM_001276 /gi=4557017 /ug=Hs.75184 /len=1925	NM_001276	0.90

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
4301	0.003327	hfc1811	mRNA for KIAA1404 protein, partial cds. /cds=(65,5842) /gb=AB037825 /gi=7243188 /ug=Hs.200317 /len=7204	AB037825	0.73
11446	0.003327	miod5703	ornithine decarboxylase antizyme 1 (OAZ1), mRNA /gb=NM_004152 /gi=9845504 /ug=Hs.281960 /len=986	NM_004152	1.03
9545	0.003327	mioc4028	mRNA; cDNA DKFZp686C117 (from clone DKFZp686C117) /gb=AL832773 /gi=21733355 /ug=Hs.433512 /len=5984	AL832773	2.01
6957	0.00313	fcrb7944	ATP synthase, H transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein) (ATP5O), mRNA /cds=(37,678) /gb=NM_001697 /gi=4502302 /ug=Hs.433960 /len=772	NM_001697	0.46
13304	0.00313	mioc7766	wl27d01.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2426113 3', mRNA sequence /clone=IMAGE:2426113 /clone_end=3' /gb=AI866216 /gi=5530323 /ug=Hs.413738 /len=133	AI866216	1.62
13152	0.00313	fcrc2807	cDNA FLJ13545 fis, clone PLACE1006867. /gb=AK023607 /gi=10435587 /ug=Hs.421529 /len=1887	AK023607	0.52
13856	0.002599	seoc3965	myeloid differentiation primary response gene (88) (MYD88), mRNA /cds=(40,930) /gb=NM_002468 /gi=19923143 /ug=Hs.82116 /len=2678	NM_002468	1.73
13139	0.002441	fcrc6345	chromosome 1 open reading frame 8 (C1orf8), mRNA /cds=(251,1222) /gb=NM_004872 /gi=27545320 /ug=Hs.416495 /len=1709	NM_004872	1.54
1031	0.002441	seob3112	decorin (DCN), transcript variant A1, mRNA /cds=(200,1279) /gb=NM_001920 /gi=19743844 /ug=Hs.433989 /len=1751	NM_001920	0.84
14291	0.002441	mioc1203	calmodulin 2 (phosphorylase kinase, delta) (CALM2), mRNA /cds=(69,518) /gb=NM_001743 /gi=20428653 /ug=Hs.425808 /len=1128	NM_001743	0.43
13190	0.002292	miob8572	membrane-spanning 4-domains, subfamily A, member 6A (MS4A6A), transcript variant 1, mRNA /cds=(239,985) /gb=NM_152852 /gi=23238237 /ug=Hs.17914 /len=1564	NM_152852	1.65
7629	0.00215	mioc2451	spermidine/spermine N1-acetyltransferase (SAT), mRNA /cds=(166,681) /gb=NM_002970 /gi=4506788 /ug=Hs.28491 /len=1060	NM_002970	2.08
6683	0.00215	fcrb2162	lamin A/C (LMNA), transcript variant 1, mRNA /cds=(213,2207) /gb=NM_170707 /gi=27436945 /ug=Hs.377973 /len=3181	NM_170707	0.82
12715	0.002017	ncrb1329	cDNA FLJ31753 fis, clone NT2RI2007468. /gb=AK056315 /gi=16551681 /ug=Hs.349283 /len=2361	AK056315	0.75
6027	0.00166	miob4308	mesenchyme homeo box 2 (growth arrest-specific homeo box) (MEOX2), mRNA /cds=(182,1093) /gb=NM_005924 /gi=21396478 /ug=Hs.77858 /len=2284	NM_005924	0.99

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
12778	0.001188	fcrb9359	cDNA FLJ33834 fis, clone CTONG2004264, moderately similar to NEUROBLAST DIFFERENTIATION ASSOCIATED PROTEIN AHNAK. /cds=(6,2381) /gb=AK091153 /gi=21749455 /ug=Hs.378738 /len=2712	AK091153	1.58
6734	0.001188	fcrb3330	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA /cds=(86,1249) /gb=NM_015640 /gi=7661625 /ug=Hs.165998 /len=2201	NM_015640	0.73
11475	0.001188	seoc2191	mitogen-activated protein kinase kinase kinase 8 (MAP3K8), mRNA /cds=(697,2100) /gb=NM_005204 /gi=22035597 /ug=Hs.248 /len=3096	NM_005204	1.28
11026	0.00111	mioc3960	DNA sequence from clone RP11-460N11 on chromosome 9, complete sequence	AL359955	0.89
8949	0.00111	fcrb1540	tx18g05.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2269592 3', mRNA sequence /clone=IMAGE:2269592 /clone_end=3' /gb=AI612954 /gi=4622121 /ug=Hs.187303 /len=205	AI612954	0.82
11781	9.67E-04	miob7554	serum/glucocorticoid regulated kinase-like (SGKL), transcript variant 1, mRNA /cds=(416,1705) /gb=NM_013257 /gi=25168264 /ug=Hs.380877 /len=4155	NM_013257	1.07
2075	9.02E-04	ncr2472	TRAF family member-associated NFKB activator (TANK), transcript variant 1, mRNA /cds=(159,1436) /gb=NM_004180 /gi=19743568 /ug=Hs.146847 /len=2089	NM_004180	0.78
7437	9.02E-04	fcrb9202	similar to endothelial cell-selective adhesion molecule (ESAM), mRNA /cds=(139,1311) /gb=NM_138961 /gi=20452463 /ug=Hs.173840 /len=1838	NM_138961	1.09
9440	7.84E-04	miob7209	ATP citrate lyase (ACLY), mRNA /cds=(85,3402) /gb=NM_001096 /gi=4501864 /ug=Hs.174140 /len=4297	NM_001096	0.79
12310	5.88E-04	fcrb9167	602644358F1 NIH_MGC_61 cDNA clone IMAGE:4775006 5', mRNA sequence /clone=IMAGE:4775006 /clone_end=5' /gb=BG615069 /gi=13666440 /ug=Hs.190422 /len=770	BG615069	1.67
4313	5.47E-04	hfcr4477	chromosome 20 open reading frame 167 (C20orf167), mRNA /cds=(64,1053) /gb=NM_052951 /gi=16418440 /ug=Hs.26213 /len=1296	NM_052951	0.51
1749	5.08E-04	fcrb4995	hypothetical protein MGC20781 (MGC20781), mRNA /cds=(366,1139) /gb=NM_052935 /gi=16418414 /ug=Hs.237536 /len=1476	NM_052935	0.81
11811	4.38E-04	fcrc6948	cDNA FLJ11481 fis, clone HEMBA1001803. /gb=AK021543 /gi=10432744 /ug=Hs.135159 /len=1539	AK021543	1.06

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
8708	4.06E-04	miod0431	BX111624 NCI_CGAP_Lu5 cDNA clone IMAGp998D244068, mRNA sequence /clone=IMAGp998D244068_/_IMAGE:1604327 /gb=BX111624 /gi=27837123 /ug=Hs.184840 /len=808	BX111624	1.11
11691	3.77E-04	ncr7090	clone MGC:16714 IMAGE:4128220, mRNA, complete cds	BC009336	1.15
13388	3.77E-04	seoc3773	fos-related antigen DNA, exon 4	X98050	0.95
8970	2.99E-04	ncrb0940	on43h10.y5 NCI_CGAP_Co8 cDNA clone IMAGE:1559491 5', mRNA sequence /clone=IMAGE:1559491 /clone_end=5' /gb=AI793153 /gi=5340869 /ug=Hs.58262 /len=521	AI793153	0.88
5498	2.19E-04	fcrb6191	polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA /cds=(107,625) /gb=NM_002696 /gi=4505946 /ug=Hs.14839 /len=828	NM_002696	1.36
13188	9.60E-05	miob8143	hypothetical protein PRO2013 (PRO2013), mRNA /cds=(136,381) /gb=NM_021243 /gi=24308272 /ug=Hs.238205 /len=876	NM_021243	1.17
13222	6.22E-05	miob7716	yf95a11.s1 Soares infant brain 1NIB cDNA clone IMAGE:30037 3', mRNA sequence /clone=IMAGE:30037 /clone_end=3' /gb=R41424 /gi=816727 /ug=Hs.387904 /len=396	R41424	1.38